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030804
18351 U.S.PTO

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	CUNO-673.1
First Inventor	ITOH, Koichi
Title	REINFORCEMENT STRUCTURES FOR MULTI...
Express Mail Label	EV 032124633 US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)
2. Applicant claims small entity status.
See 37 CFR 1.27.
3. Specification *[Total Pages* **13**]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings *(if filed)*
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawing(s) (35 U.S.C. 113) *[Total* **3**]
5. Oath or Declaration *[Total Pages* **3**]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. Application Data Sheet. See 37 CFR 1.76

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP) of prior application No.: _____

Prior application information: Examiner _____ Group / Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input type="checkbox"/>	Customer Number:				or	<input checked="" type="checkbox"/> Correspondence address below
Name	R. Thomas Payne					
	CUNO Incorporated					
Address	400 Research Parkway					
	P.O. Box 1018					
City	Meriden	State	CT	Zip Code	06450-1018	
Country	US	Telephone	(203) 238-8737		Fax	(203) 238-8716

Name (Print/Type) **R. Thomas Payne**

Registration No. (Attorney/Agent)

30,674

Signature

Date 03/08/2004

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

17497 U.S.P.T.O.
10/796251

030804

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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27	
TOTAL AMOUNT OF PAYMENT	(\$) \$788.00

Complete if Known

Application Number	NEW
Filing Date	HEREWITH
First Named Inventor	ITOH, Koichi
Examiner Name	
Art Unit	
Attorney Docket No.	CUNO-673.1

METHOD OF PAYMENT (check all that apply)

<input type="checkbox"/> Check	<input type="checkbox"/> Credit card	<input type="checkbox"/> Money Order	<input type="checkbox"/> Other	<input type="checkbox"/> None
<input checked="" type="checkbox"/> Deposit Account:				
Deposit Account Number	033879			
Deposit Account Name	CUNO Incorporated			

The Director is authorized to: (check all that apply)

<input checked="" type="checkbox"/> Charge fee(s) indicated below	<input checked="" type="checkbox"/> Credit any overpayments
<input checked="" type="checkbox"/> Charge any additional fee(s) or any underpayment of fee(s)	
<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.	

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)	Fee Description	
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non - English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
Total Claims 21	-20** = 1 X 18.00 = 18.00		
Independent Claims 2	-3** = 0 X 0.00 = 0.00		
Multiple Dependent	0.00 = 0.00		
Large Entity	Small Entity	Fee Description	
Fee Code (\$)	Fee Code (\$)	Fee Description	
1202 18	2202 9	Claims in excess of 20	
1201 86	2201 43	Independent claims in excess of 3	
1203 290	2203 145	Multiple dependent claim, if not paid	
1204 86	2204 43	** Reissue independent claims over original patent	
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (1)	(\$) \$770.00		
Extra Claims	Fee from below	Fee Paid	
Total Claims 21	-20** = 1 X 18.00 = 18.00		
Independent Claims 2	-3** = 0 X 0.00 = 0.00		
Multiple Dependent	0.00 = 0.00		
Large Entity	Small Entity	Fee Description	
Fee Code (\$)	Fee Code (\$)	Fee Description	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR § 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	
Other fee (specify) _____			

**or number previously paid, if greater; For Reissues, see above

*Reduced by Basic Filing Fee Paid **SUBTOTAL (3)** (**\$**) **\$0.00****SUBMITTED BY**

Name	R. Thomas Payne	Registration No. (Attorney/Agent)	30,674	Telephone	(203) 238-8737
Signature			Date	03/08/2004	

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If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

CUNO-673.1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: ITOH, Koichi et al.)
)
Serial No.: NEW)
)
Filing Date: HEREWITH)
)
Title: REINFORCEMENT STRUCTURES
)
 FOR MULTI-CELL FILTER CARTRIDGES

Mail Stop Patent Application
Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF EXPRESS MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as Express Mail No. EV 032124633 US in an envelope addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below.

Date: March 8, 2004



Mary K. Rudaitis